

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Jiten Chatterji et al.)	
)	
)	Art Unit: Unknown
)	
Serial No.:	unknown)	
)	
Filed:	concurrently herewith)	Examiner: Unknown
)	
For:	METHODS OF FRACTURING A)	
	SUBTERRANEAN FORMATION USING)	
	A PH DEPENDENT FOAMED)	
	FRACTURING FLUID)	

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent No. Re 32,302 issued December 9, 1986 to Stephen W. Almond et al.

U.S. Patent No. 4,480,696 issued November 6, 1984 to Stephen W. Almond et al.

U.S. Patent No. 4,627,495 issued December 9, 1986 to Phillip D. Harris et al.

U.S. Patent No. 4,664,851 issued May 12, 1987 to Eit Drent.

U.S. Patent No. 4,809,783 issued March 7, 1989 to Keith H. Hollenbeck et al.

U.S. Patent No. 5,373,901 issued December 20, 1994 to Lewis R. Norman et al.

U.S. Patent No. 5,604,186 issued February 18, 1997 to Charles V. Hunt et al.

U.S. Patent No. 5,990,052 issued November 23, 1999 to Phillip C. Harris et al.

U.S. Patent No. 6,357,527 B1 issued March 19, 2002 to Lewis R. Norman et al.

U.S. Patent No. 6,454,008 B1 issued September 24, 2002 to Jiten Chatterji et al.

U.S. Patent No. 6,460,632 B1 issued October 8, 2002 to Jiten Chatterji et al.

OTHER MATERIAL

SPE 73730 entitled "High-pH Clay Instability Rating" by Rick Gdanski dated 2002.

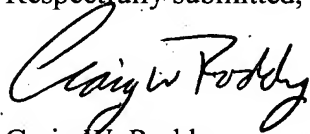
SPE 64983 entitled "Impact of Clay Acidity on the pH of invading Fluids" by Rick Gdanski dated 2001.

U.S. Patent Application Serial No. 10/062,342 entitled "Treatment of a Well with an Encapsulated Liquid and Process for Encapsulating a Liquid," inventors Matthew E. Blauch et al., filed February 1, 2002.

U.S. Patent Application Serial No. 10/396,606 entitled "Recyclable Foamed Fracturing Fluids and Methods of Using the Same," inventors Jiten Chatterji et al., filed March 25, 2003.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-011752U1	SERIAL NO. unknown
	APPLICANT Jiten Chatterji et al.	
	FILING DATE concurrently herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	Re. 32,302	12/09/86	Almond et al.	166	308	
	AB	4,480,696	11/06/84	Almond et al.	166	308	
	AC	4,627,495	12/09/86	Harris et al.	166	280	
	AD	4,664,851	05/12/87	Drent	260	410.9 R	
	AE	4,809,783	03/07/89	Hollenbeck et al.	166	307	
	AF	5,373,901	12/20/94	Norman et al.	166	300	
	AG	5,604,186	02/18/97	Hunt et al.	507	204	
	AH	5,990,052	11/23/99	Harris	507	214	
	AI	6,357,527 B1	03/19/02	Norman et al.	166	300	
	AJ	6,454,008 B1	09/24/02	Chatterji et al.	166	308	
	AK	6,460,632 B1	10/08/02	Chatterji et al.	175	66	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	SPE 73730 entitled "High-pH Clay Instability Rating" by Rick Gdanski dated 2002.
	AS	SPE 64983 entitled "Impact of Clay Acidity on the pH of invading Fluids" by Rick Gdanski dated 2001.
	AT	U.S. Patent Application Serial No. 10/062,342 entitled "Treatment of a Well with an Encapsulated Liquid and Process for Encapsulating a Liquid," inventors Matthew E. Blauch et al., filed February 1, 2002.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AO							
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		U.S. Patent Application Serial No. 10/396,606 entitled "Recyclable Foamed Fracturing Fluids and Methods of Using the Same," inventors Jiten Chatterji et al., filed March 25, 2003.					
	AS							
	AT							

EXAMINER

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